ABSTRACT

[0091]   Disclosed herein is a method and system for classifying an audio signal using a sub-band energy analysis.   An audio signal may be received as an input to the system for classifying an audio signal.   The audio signal may be passed to a mathematical processor where the mathematical processor may perform a plurality of mathematical processes on the audio signal and calculating a ratio of energy contributable to speech and energy contributable to music. The ratio value R may be output to a comparator.   The comparator may compare the calculated ratio R to a threshold value T and based upon the comparison classify the audio signal as one of speech or music.